

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 (currently amended). An anabolic composition comprising:

- a) cartilage, chondroitin sulfate, hyaluronic acid, or collagenat least one glycosaminoglycan, proteoglycan aggregate complex of hyaluronic acid, extracellular matrix, protein and chondroitin, extracellular matrix compound in an amount effective in the damaged tissue to act as an anti-neo-inflammatory and anti-neo-angiogenetic agent;
- b) about one to three grams of at least one polar surface active lipid selected from the group consisting of phosphatidic acid, phosphatidylethanolamine, lecithin, phosphatidylserine, phosphatidylinositol, 2-lysophosphatidylserine, plasmalogen plasmalogen, choline plasmalogen, phosphatidylglycerol, diphosphatidylglycerol, sphingomyelin, and any combination of 2, 3, 4, 5, 6, 7, 8, 9, 10, or 11 of said polar active surface lipids;
- c) a plurality of enantiomerically pure L-amino acids and glycine of about 9 to 25 grams in molar ratios of human tissue;
- d) a component selected from the group consisting of Polyoxyethylene Sorbitan Monooleate, (TWEEN 80), Sorbitan monooleate (SPAN 80), grape seed extract, grape extract, and combinations thereof; and
- e) vitamins, minerals or trace elements selected from the group consisting of Vitamin B12, Vitamin E, selenium, zinc, and combinations thereof.

2 (currently amended). The composition according to claim 1, further comprising a compound generally accepted as safe (GRAS), said compound being garlic, selected from the group consisting of aspartame-perfluorocarbon resins, perfluorocarbon-cured elastomers, α -Amylase enzyme preparation from *Bacillus stearothermophilus*, benzoic acid, bromelain, catalase (bovine liver), laetic acid, limoleic acid, potassium acid tartrate, propionic acid, stearic acid, tartaric acid, diacetyl tartaric acid esters of mono- and diglycerides, ammonium bicarbonate, ammonium carbonate, ammonium chloride, ammonium hydroxide, ammonium citrate, dibasic ammonium

phosphate; monobasic; ammonium phosphate, dibasic; bacterially-derived-carbohydrase enzyme preparation; bacterially-derived protease enzyme preparation; bentonite; benzoyl peroxide; n-Butane and iso-butane; Calcium-glycerophosphate; Calcium-lactate; Calcium-pantothenate; Calcium propionate; Calcium-stearate; Carbon-dioxide; Beta-carotene; Cellulase enzyme preparation derived from Trichoderma-longibrachiatum; Clove and its derivatives; Cocoa-butter-substitute; Copper gluconate; Copper-sulfate; L-Cysteine; L-Cysteine-monohydrochloride; Dextrin; Diaetyl; Enzyme-modified-fats; Ethyl-alcohol; Ficin; Glucono-delta-lactone; Corn-gluten; Wheat-gluten; Glyceryl monooleate; Glyceryl-behenate; Glyceryl-palmitostearate; Helium; Inositol; Insoluble-glucose-isomerase enzyme preparations; Isopropyl-citrate; Animal-lipase; Magnesium-carbonate; Magnesium-chloride; Magnesium-hydroxide; Magnesium-oxide; Magnesium-phosphate; Magnesium-stearate; Magnesium-sulfate; Malt; Malt-syrup (malt-extract); Manganese-chloride; Manganese-citrate; Manganese-glucuronate; Manganese-sulfate; Micro-particulated-protein-product; Mono- and diglycerides; Monosodium-phosphate derivatives of mono- and diglycerides; Niacin; Niacinamide; Nickel; Nitrogen; Nitrous-oxide; Peptones; Pancreatin; Papain; Peptins; Pepsin; Potassium-bicarbonate; Potassium-carbonate; Potassium-chloride; Potassium-hydroxide; Potassium-laetate; Propane; Pyridoxine-hydrochloride; Rennet (animal-derived) and chymosin-preparation (fermentation-derived); Riboflavin; Riboflavin-5'-phosphate (sodium); Sodium-benzoate; Sodium-carbonate; Sodium-hydroxide; Sodium-hypophosphite; Sodium-laetate; Sodium-metasilicate; Sodium-propionate; Sodium-sesquicarbonate; Sodium-tartrate; Sodium-potassium-tartrate; Starter-distillate; Stearyl-citrate; Thiamine-hydrochloride; Thiamine-mononitrate; α-Tocopherol; Triacetin; Tributyrin; Triethyl-citrate; Trypsin; Urease-enzyme-preparation from Lactobacillus-fermentum; Vitamin-A; Vitamin-B12; Candelilla-wax; Carnauba-wax; Bakers-yeast-extract; Zein; Sulfamic-acid; Clay (kaolin); Ferric-oxide; Iron-oxides; Japan-wax; Tall-oil; Alfalfa; Allspice; Almond; bitter (free from prussic-acid); Ambrette; Angelica-root; Angelica-seed-or-stem; Angostura; Anise; Asafetida; Balm; Balsam-of-Peru; Basil; Bay-leaves; Bay; Bergamot (bergamot-orange); Bois-de-rose; Cacao; Camomile (chamomile); Capsicum; Caraway; Cardamom-seed (cardamon); Carob-bean; Carrot; Cascarilla-bark; Cassia-bark, Chinese; Cassia-bark, Padang-or-Batavia; Cassia-bark, Saigon; Celery-seed; Cherry, wild, bark; Chervil; Chicory; Cinnamon-bark, Ceylon; Cinnamon-bark, Chinese; Cinnamon-bark, Saigon; Cinnamon-leaf, Ceylon; Cinnamon-leaf, Chinese; Cinnamon-leaf, Saigon;

Citronella; Citrus-peels; Clary (clary-sage); Clove bud; Clove leaf; Clove stem; Clover; Coca; Coffee; Cola-nut; Coriander; Corn-silk; Cumin (cummin); Curacao-orange-peel; Cusparia-bark; Dandelion; Dandelion root; Dill; Dog-grass (quackgrass, triticum); Elder-flowers; Estragole; Estragon (tarragon); Fennel, sweet; Fenugreek; Galanga (galangal); Garlic; Geranium; Geranium, East-Indian; Geranium, rose; Ginger; Glycyrrhiza; Glycyrrhizin, ammoniated; Grapefruit; Guava; Hickory-bark; Horehound (hoarhound); Hops; Horsemint; Hyssop; Immortelle; Jasmine; Juniper (berries); Kola-nut; Laurel-berries; Laurel-leaves; Lavender; Lavender, spike; Lavandin; Lemon; Lemon-balm (see balm); Lemon-grass; Lemon-peel; Licorice; Lime; Linden-flowers; Locust-bean-gum; Lupulin; Mace; Malt (extract); Mandarin; Marjoram, sweet; Mate-leaf; Menthol; Menthyl-acetate; Molasses (extract); Mustard; Naringin; Neroli; bigarade; Nutmeg; Onion; Orange, bitter, flowers; Orange, bitter, peel; Orange-leaf; Orange, sweet; Orange, sweet, flowers; Orange, sweet, peel; Origanum; Palmarosa; Paprika; Parsley; Pepper, black; Pepper, white; Peppermint; Peruvian-balsam; Petitgrain; Petitgrain-lemon; Petitgrain-mandarin or tangerine; Pimenta; Pimenta-leaf; Pipsissewa-leaves; Pomegranate; Prickly-ash-bark; Rose-absolute; Rosa; Rose; Rose-buds; Rose-flowers; Rose-fruit (hips); Rose-geranium; Rose-leaves; Rosemary; Rue; Saffron; Sage; St. John's-bread; Savory, summer; Savory, winter; Schinus-molle; Sloe-berries; Spearmint; Spike-lavender; Tamarind; Tangerine; Tannic-acid; Tarragon; Tea; Thyme; Triticum; Tuberose; Turmeric; Vanilla; Violet-flowers; Violet-leaves; Violet-leaves absolute; Wild-cherry-bark; Ylang-ylang; and; Zedoary-bark; or any-combination of said compounds.

3 (original). The composition according to claim 1, further comprising a flavorant.

4 (original). The composition according to claim 3, wherein said flavorant is a fruit juice.

5 (original). The composition according to claim 4, wherein said fruit juice is tomato juice.

6 (currently amended). The composition according to claim 1, wherein said amino-acids are L-Leucine, L-Proline, L-Arginine, L-Valine, L-Aspartic Acid, L-Isoleucine, Glycine, L-

Threonine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Histidine, L-Alanine, L-Cystine, L-Tryptophan, L-Methionine, L-Glutamine, L-Cysteine and L-Glutamic Acid, L-Taurine, and L-Carnitine.

7 (currently amended). The composition according to claim 1, wherein said component (c) comprises soy lecithin, Corn Syrup Solids, High Oleic Safflower Oil, Refined Vegetable Oil, L-Lysine L-Glutamate, Calcium Phosphate Dibasic, and less than 2% (by weight) of each of the following: L-Leucine, Tripotassium Citrate, L-Proline, L-Arginine, L-Valine, L-Aspartic Acid, L-Isoleucine, Glycine, L-Threonine, L-Tyrosine, L-Phenylalanine, L-Serine, L-Histidine, L-Alanine, Mono- and Diglycerides, Sodium Chloride, L-Cystine, L-Tryptophan, Magnesium Acetate, L-Methionine, Potassium Chloride, Diacetyl Tartaric Acid Esters of Monoglycerides, L-Glutamine, Choline Bitartrate, L-Glutamic Acid, D-Insitol, L-Ascorbic Acid, Soy Lecithin, Tricalcium Phosphate, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Niacinamide, DL- α -Tocopherol Acetate, Calcium D-Pantothenate, Cupric Sulfate, Manganese Sulfate, Pyridoxine Hydrochloride, Vitamin A Acetate, Riboflavin, Thiamine Chloride Hydrochloride, Potassium Iodide, Chromium Sulfate, Phylloquinone, Sodium Molybdate, Folic Acid, Sodium Hydrogen Selenite, D-Biotin, Vitamin D, and Cyanocobalamin.

8 (currently amended). The composition according to claim 7, wherein said composition further comprises taurine or L-carnitine or both taurine and L-carnitine.